# C L A I M S

1 - A composition, free or essentially free of phenolic antioxidant, containing

a)   100 parts by weight of a propylene polymer,

b)   from 0.005 to 0.1 part by weight of an amine oxide having the structural formula

$$R' \diagdown \atop R'' \diagup N \xrightarrow{} O \atop |\ CH_3 \quad (I)$$

wherein R' and R" are groups containing from 1 to 36 carbon atoms, or of a N,N-dialkylhydroxylamine of formula

$$R^1 R^2 NOH \qquad (II)$$

wherein

R$^1$ and R$^2$ are independent groups of 1 to 36 carbon atoms,

c)   from 0.1 to 0.5 part by weight of a clarifying agent.

2 - Composition according to claim 1, wherein the propylene polymer is a random copolymer containing 0.1 to 5 % by weight of ethylene.
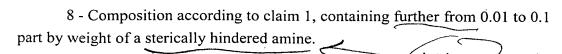
3 - Composition according to claim 1, wherein the propylene polymer contains from 100 mg to 500 mg of inorganic residue per kg of propylene polymer.

4 - Composition according to claim 1, containing from 0.005 to 0.1 part by weight of an amine oxide of formula (I) wherein R' and R" are linear or substituted  alkyl groups containing 4 to 22 carbon atoms.

5 - Composition according to claim 1, containing from 0.005 to 0.1 part of a N,N-dialkylhydroxylamine of formula (II) wherein R$^1$ and R$^2$ contain from 14 to 22 carbon atoms.

6 - Composition according to claim 1, wherein the clarifying agent is chosen from benzilidene sorbitol compounds, metallic salt of organic phosphate or metal salts of rosin.

7 - Composition according to claim 6, wherein the clarifying agent is the aluminium hydroxy-bis(2,2'-methylene-bis[4,6-di(tert-butyl)phenyl]phosphate.

8 - Composition according to claim 1, containing further from 0.01 to 0.1 part by weight of a sterically hindered amine.

9 - Composition according to claim 1 containing :

a) 100 parts by weight of a propylene copolymer containing 0.1 to 5 weight % of ethylene,

b) from 0.01 to 0.1 part by weight of an amine oxide of formula (I) wherein R' and R' are alkyl radicals containing 4 to 22 carbon atoms, and

c) from 0.1 to 0.5 parts by weight of a metallic salt of organic phosphate.

10 - Manufacture of shaped objects by using the composition according to claim 1.

11 - Object manufactured from the composition according to claim 1.